

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2004/021998

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C09K3/14 C09G1/02 H01L21/321

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C09K C09G H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/85868 A (NISSAN CHEMICAL IND LTD ; NISHIMURA TOHRU (JP); OTA ISAO (JP); YAMADA) 15 November 2001 (2001-11-15) composition delta: table 1 -----	1-22
X	US 2003/124850 A1 (YANO HIROYUKI ET AL) 3 July 2003 (2003-07-03) paragraphs '0032!', '0033!'; claims; figure 3 -----	1-22
X	US 2002/028636 A1 (KOICHI NAITO ET AL) 7 March 2002 (2002-03-07) paragraphs '0033! - '0040!; table 1 -----	1-22
X	WO 01/74959 A (CABOT MICROELECTRONICS CORP) 11 October 2001 (2001-10-11) page 3, line 12 - page 4, line 9 ----- -/--	1-22

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

27 October 2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/98201 A (CABOT MICROELECTRONICS CORP) 27 December 2001 (2001-12-27) page 3, line 1 - page 4, line 9; claims 1-19 -----	1-22
X	US 6 527 817 B1 (FANG MINGMING ET AL) 4 March 2003 (2003-03-04) the whole document -----	1-22
X	US 2001/017007 A1 (FUJII SHIGEO ET AL) 30 August 2001 (2001-08-30) claims; tables 2,3 -----	1-22

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0185868	A	15-11-2001	CA 2407800 A1	15-11-2001
			CN 1434846 T	06-08-2003
			EP 1287088 A1	05-03-2003
			WO 0185868 A1	15-11-2001
			JP 2002030274 A	31-01-2002
			TW 538111 B	21-06-2003
			US 2003110711 A1	19-06-2003
US 2003124850	A1	03-07-2003	JP 2003197574 A	11-07-2003
US 2002028636	A1	07-03-2002	JP 2001323254 A	22-11-2001
			JP 2001323255 A	22-11-2001
			CN 1323864 A	28-11-2001
			TW 526259 B	01-04-2003
WO 0174959	A	11-10-2001	US 6471884 B1	29-10-2002
			AU 5124901 A	15-10-2001
			CN 1422313 T	04-06-2003
			EP 1272579 A2	08-01-2003
			JP 2003529663 T	07-10-2003
			TW 527408 B	11-04-2003
			WO 0174959 A2	11-10-2001
WO 0198201	A	27-12-2001	AU 7520701 A	02-01-2002
			JP 2003535968 T	02-12-2003
			WO 0198201 A2	27-12-2001
US 6527817	B1	04-03-2003	US 6293848 B1	25-09-2001
			AT 258577 T	15-02-2004
			AU 1660001 A	30-05-2001
			CN 1399668 T	26-02-2003
			DE 60008025 D1	04-03-2004
			DE 60008025 T2	09-06-2004
			EP 1250390 A1	23-10-2002
			JP 2003514949 T	22-04-2003
			TW 524836 B	21-03-2003
			WO 0136554 A1	25-05-2001
			US 2003124852 A1	03-07-2003
US 2001017007	A1	30-08-2001	CN 1307079 A	08-08-2001
			JP 2001288455 A	16-10-2001